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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mikio Shiraishi

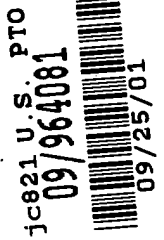
Serial No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: September 25, 2001

Examiner: Not yet assigned

Title: DIGITAL FILTER



EXPRESS MAIL NUMBER: EL 904 946 139 US

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I hereby certify that this paper is being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Box PATENT APPLICATION, Commissioner for Patents; Washington, DC 20231.

Rosa A. Caviedes

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INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
Washington, DC 20231

Dear Sir:

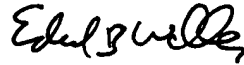
Pursuant to 37 CFR §1.56(a), Applicant hereby cites the following documents (copies enclosed) listed on the attached copy of Form PTO-1449.

The Commissioner is also authorized to charge any deficiencies in fees and credit any overpayment of fees to Deposit Account No. 07-1896.

Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP


Dated: September 25, 2001



Edward B. Weller
Reg. No. 37,468
Attorney for Applicant

GRAY CARY WARE & FREIDENRICH LLP
Patent Department
1755 Embarcadero Road
Palo Alto, CA 94303-3340
TEL: (650) 833-2436
FAX: (650) 320-7401

Sheet 1 of 1

Form PTO-1449 (modified 2/91) INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	U.S. DEPT. OF COMMERCE Patent and Trademark Office	Attorney Docket Number: 2102487-991180	Serial Number: Not yet assigned	U.S. PTO 09/964081 
	Applicant: Mikio Shiraishi			
	Filing date: September 25, 2001	Group art unit: Not yet assigned		

U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Sub-class	Filing date if appropriate
	4,215,415	07/29/80	Kanemasa et al.			
	4,879,677	11/07/89	Shiraishi			

FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Sub-class	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	IEEE Journal of Solid-State Circuits, "A Subscriber Digital Signal Processor LSI for PCM Applications", Vol. 23, No. 3, page 838, Fig. 4; K. Yamakido et al.; June 1988.

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	